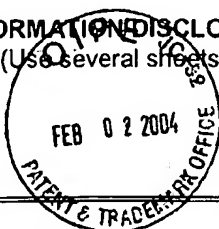


Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number: 883933.0088	Serial No.: 10/620,644
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicants: MATHER et al.	Confirmation No. 1474
		Filing date: July 16, 2003	Group Art Unit: 1713



U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Inventor	Class	Sub class	Filing date if appropriate
Le	5,484,867	01/16/96	Lichtenhan et al.			
	5,589,562	12/31/96	Lichtenhan et al.			
	5,939,576	08/17/99	Lichtenhan et al.			
	5,942,638	08/24/99	Lichtenhan et al.			
Le	6,100,417	08/08/00	Lichtenhan et al.			

FOREIGN PATENT DOCUMENTS

Document number	Date	Country	Class	Sub class	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Le	Vorobyova, O. et al., "Fluorescent Probe Studies of the Associate in an Aqueous Solution of a Hydrophobically Modified Poly(ethylene oxide)" <i>Macromolecules</i> 1998, 31, pp.8998-9007
	Preuschen, J., et al., "Aggregation Behavior of a Symmetric, Fluorinated, Telechelic Polymer System Studied by F ¹⁹ NMR Relaxation," <i>Macromolecules</i> 1999, 32, ppp. 2690-2695
	Nagashima, K., et al., "Diffusion of Model Hydrophobic Alkali-Swellable Emulsion Associative Thickeners," <i>Macromolecules</i> 2000, 33, pp.9329-9339
	Lee, W.K. et al., "Synthesis and Surface properties of Fluorocarbon End-capped Biodegradable Polyesters," <i>Macromolecules</i> 2001, 34, pp. 3000-3006
	Maus, C., et al., "Shear thickening of halato-telechelic polymers in apolar solvents," <i>Polymer</i> Vol. 36, No. 10, 1995, pp. 2083-2088
	Alami, E., et al., "Aggregation of Hydrophobically End-Capped Poly(ethylene oxide) in Aqueous Solutions," <i>Macromolecules</i> 1996, 29, pp 2229-2243
	Tirtaatmadja, V., et al., heological Properties of Model Alkali-Soluble Associative (HASE) Polymers: Effect of Varying Hydrophobe Chain Length," <i>Macromolecules</i> 1997, 30, pp. 3271-3282
	Tam, K. et al., A structural Model of Hydrophobically Modified Urethane-Ethoxylate (HEUR) Associative Polymers in Shear Flows," <i>Macromolecules</i> 1998, 31, pp. 4149-4159
	Tam, K. et al., heological Properties of Hydrophobically Modified Alkali-Soluble Polymers - Effects of Ethylene-Oxide Chain Length," <i>J. Polym. Sci.: Part B: Polym Phys.</i> , 1998, 36, 2275-2290
Le	Bhargava, s. et al., "Effect of Water on Viscosity and Shear-Thickening Behavior of Telechelic Ionomers in Nonpolar Sovents," <i>Macromolecules</i> 1998, 31, pp. 508-514

Examiner: Le S. Shi	Date Considered: 04/26/04
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Sub class	Translation	
						Yes	No
						X	
							X
							X
							X
							X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

bc	Vorobyova et al: "Determination of Aggregation Numbers in Aqueous Solutions of Hydrophobically Modified Polymers by Fluorescent Probe Techniques", 2000 American Chemical Society, pages 143-263
	Nomula et al: "Solution Structure and Shear Thickening Behavior of Ionomers and Hydrophobically Associating Polymers", 2000 American Chemical Society, pages 127-142
bc	Schwab et al: "Hybrid Nanoreinforced Polyurethanes Based on Polyhedral Oligomeric Sisequioxanes (POSS)",

Examiner: <u>LPS Chris</u>	Date Considered: <u>04/25/04</u>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicants: MATHER et al.	Confirmation No. 1474
		Filing date: July 16, 2003	Group Art Unit: 1713

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Sub class	Translation	
						Yes	No
<i>ke</i>	WO 01 10871	02/15/01	WO			X	
							X
							X
							X
							X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Lee	Schwab et al: "Hybrid Nanoreinforced Polyurethanes Based on Polyhedral Oligomeric Sisequioxanes (POSS)", Rapra Abstracts, Pergamon Press Ltd., Oxford; GB, Vol. 77, No. 6, June 1999 (1999-06), page 122 XP000830182, ISSN: 0033-6750 abstract
Lee	Fu B X et al: "Structural development during deformation of polyurethane containing polyhedral oligomeric silsequioxane (POSS) molecules" POLYMER, ELSEVIER SCIENCE PUBLISHERS B.V., GB, Vol. 42, No. 2, Jan. 2001 pages 599-611, XP004216943 ISSN: 0032-3861 page 600-601

Examiner: <u>L. S. Chir</u>	Date Considered: <u>04/25/04</u>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	